

Message

From: Townley, Lauren A (DEC) [Lauren.Townley@dec.ny.gov]
Sent: 1/23/2020 3:49:06 PM
To: Sweeney, Jeff [sweeney.jeff@epa.gov]; cassandra.davis@dec.ny.gov; Walsh, Wendy [walshw@co.tioga.ny.us]; dekare@co.tioga.ny.us
CC: Power, Lucinda [power.lucinda@epa.gov]; Thyng, Megan [Thyng.Megan@epa.gov]; Cassilly, Ruth [rcassilly@chesapeakebay.net]; Ravi, Sucharith [sravi@chesapeakebay.net]; Jess Rigelman [jrigelman@j7llc.com]; Devereux, Olivia [olivia@devereuxconsulting.com]; MacKnight, Evelyn [MacKnight.Evelyn@epa.gov]; McDonnell, Lee [McDonnell.Lee@epa.gov]; Lambrix, Madeline [Lambrix.Madeline@epa.gov]
Subject: RE: NY 2019 Progress & Verification Assessment
Attachments: 2019ProgressVerificationI_NYResponses.docx




Hi Jeff,

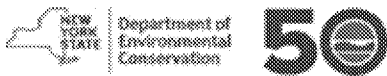
Please find attached NY's responses (in green) to the verification assessment. If you have any further questions, let us know.

Thanks,

Lauren A. Townley
Research Scientist, Division of Water

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From: Sweeney, Jeff <sweeney.jeff@epa.gov>
Sent: Friday, January 17, 2020 3:36 PM
To: Townley, Lauren A (DEC) <Lauren.Townley@dec.ny.gov>; Davis, Cassandra M (DEC) <Cassandra.Davis@dec.ny.gov>; Walsh, Wendy <walshw@co.tioga.ny.us>
Cc: Power, Lucinda <power.lucinda@epa.gov>; Thyng, Megan <Thyng.Megan@epa.gov>; Cassilly, Ruth <rcassilly@chesapeakebay.net>; Ravi, Sucharith <sravi@chesapeakebay.net>; Jess Rigelman <jrigelman@j7llc.com>; Devereux, Olivia <olivia@devereuxconsulting.com>; MacKnight, Evelyn <MacKnight.Evelyn@epa.gov>; McDonnell, Lee <McDonnell.Lee@epa.gov>; Lambrix, Madeline <Lambrix.Madeline@epa.gov>
Subject: NY 2019 Progress & Verification Assessment

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

NY colleagues:

Attached are the results of a verification analysis of BMPs and loads for the 2019 model progress assessment – that needs your attention. The analysis looked at information received by the Bay Program office through Friday, Jan. 10th, after six draft runs. Your responses to the questions and comments (in red type in the attached Word file) are needed by Friday, Jan. 31st so we can complete the progress scenario on schedule and ensure full credit of quality data. For a detailed description of how the verification analysis is conducted, see the attached protocols.

If data needs to be corrected based on your review of these findings, please ensure the associated BMP Verification Program Plans (QAPP's) are up-to-date, if that's necessary. Also, it's important the QAPP describes how, exactly,

reported compliance levels are accounted for and calculated for each type of Nutrient Management (core and supplemental, both N- and P-based). In other words, how are raw data used and calculations done to determine the degree to which landowners are following their plans?

Establishing verification and compliance programs is a continuing long-term effort that the Partnership committed to undertake through the approved 2014 BMP Verification Basin-wide Framework document. Thank you for continuing work on this. Please don't hesitate to contact me, Megan Thyng, Sucharith Ravi, or Jess Rigelman with questions or concerns.

Jeff Sweeney

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From: Olivia Devereux <olivia@devereuxconsulting.com>

Sent: Friday, January 10, 2020 2:02 PM

To: Lauren Townley <lauren.townley@dec.ny.gov>; Cassandra Davis <cassandra.davis@dec.ny.gov>; Walsh, Wendy <walshw@co.tioga.ny.us>; Elizabeth Hoffman <elizabeth.hoffman@maryland.gov>; Jason D Keppler (MDA) <jason.keppler@maryland.gov>; Gregorio Sandi <gregorio.sandi@maryland.gov>; Sturgis, Brittany E. (DNREC) <Brittany.Sturgis@delaware.gov>; Brown, Lori M. (DNREC) <LoriM.Brown@delaware.gov>; Brosch, Chris (DDA) <Chris.Brosch@delaware.gov>; English, Matthew (DOEE) <matthew.english@dc.gov>; Maleri, John (DOEE) <john.maleri@dc.gov>; Barry Evans <bme1@psu.edu>; Tesler, Theodore <ttesler@pa.gov>; Miller, Natahnee <natamiller@pa.gov>; J. Matthew Monroe <mmonroe@wvda.us>; Hartman, Alana C <Alana.C.Hartman@wv.gov>; william.keeling@deq.virginia.gov

Cc: Power, Lucinda <power.lucinda@epa.gov>; Thyng, Megan <Thyng.Megan@epa.gov>; Ruth Cassilly <rcassilly@chesapeakebay.net>; Sucharith Ravi <sravi@chesapeakebay.net>; Jessica Rigelman <jrigelman@j7llc.com>; Sweeney, Jeff <sweeney.jeff@epa.gov>

Subject: Re: Bay Program 2019 Progress Scenario Reminder

It is Friday and the latest 2019 Progress scenario is available on CAST. The scenario is named 2019 Progress 20200110 and is shared by CBP Admin. The latest NEIEN and CAST success/error reports are available on your state's password protected site. Please let us know if you have any questions or concerns.

Thank you,
Olivia

On Fri, Jan 3, 2020 at 3:47 PM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

There is a new NEIEN and CAST success/error report available on your state's password-protected site. These reports reflect changes submitted through January 3, 2020. There CAST scenario shared with you has been replaced with this updated version. It is shared by CBP Admin and is named 2019 Progress 20200103. Please let us know if you don't have access to the CAST scenario or if you have any other questions.

Thank you,
Olivia

On Fri, Dec 27, 2019 at 2:17 PM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

The latest NEIEN and CAST error reports are available on your state's password protected site. These reflect changes submitted through the morning of 12/27/2019. There is a new scenario in CAST shared with you by CBP Admin

named: 2019 Progress 20191227. Please take a look at the loads and BMP reports in this scenario. As mentioned last week, the CAST scenario includes the BMPs you submitted that were valid in NEIEN and credited in CAST. You may see the results of this scenario in any of the downloadable reports on CAST. You also may use Compare Scenarios or Graphs to see results for up to four scenarios. To verify that the BMPs you expect to be credited are in your scenario, use the CAST report "BMP input files", which has the State Unique ID you used when submitting. This scenario uses the updated 2019 base conditions (land use, animal numbers, and septic systems) and the 2019 wastewater for those states who have already reported their wastewater data. Users will not have access to these updated base conditions or wastewater data until progress is finalized. This means that you can see the results with the updated conditions now, but you cannot run a scenario and select those conditions yet.

Please let Jeff, Jess, Suchith or me know if you have any questions.

Thank you,
Olivia

On Sun, Dec 22, 2019 at 3:36 PM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

Thank you for your revised NEIEN submissions. The loads report and BMP reports are available in CAST. Login to CAST and see the scenario named 2019 Progress 20191220 shared with you by Jessica Rigelman. The CAST scenario includes the BMPs you submitted that were valid in NEIEN and credited in CAST. You may see the results of this scenario in any of the downloadable reports on CAST. You also may use Compare Scenarios or Graphs to see results for up to four scenarios. To verify that the BMPs you expect to be credited are in your scenario, use the CAST report "BMP input files", which has the State Unique ID you used when submitting. In addition, the BMP error reports from NEIEN and CAST are posted on your password protected sites.

This scenario uses the updated 2019 base conditions (land use, animal numbers, and septic systems) and the 2019 wastewater for those states who have already reported their wastewater data. Users will not have access to these updated base conditions or wastewater data until progress is finalized. This means that you can see the results with the updated conditions now, but you cannot run a scenario and select those conditions yet.

Please let Jeff, Jess, Suchith or me know if you have any questions.

Thank you,
Olivia

On Fri, Dec 13, 2019 at 3:38 PM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

The BMP error reports from NEIEN and CAST are posted on your password protected sites. Next week, we will have scenario loads available for you to review in CAST. The scenario loads will use updated 2019 base conditions and wastewater data, except for states with later reporting for wastewater as agreed to in the grant guidance. In the meantime, please check for BMP errors that you can correct. We will continue to run the reports weekly on Fridays.

Happy Friday!

On Fri, Dec 6, 2019 at 11:41 AM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

We have provided the latest BMP error reports from NEIEN and CAST on the states' password protected sites. The data is run through NEIEN first, and some errors will be in those reports. The data is then ported to CAST, and there you will see other errors, such as a BMP on an invalid land use. Please check for errors in both places. We will be running these reports weekly on Fridays. As a reminder, the deadline for finalizing progress is February 8.

As Jeff Sweeney announced at yesterday's Watershed Technical Workgroup, the progress scenario will be made available in CAST around the middle of December.

Please reach out with any questions.

Thank you,
Olivia

On Tue, Dec 3, 2019 at 10:31 AM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

Thank you all for getting your implementation data submitted to the Bay Program by the grant guidance deadline. The NEIEN and CAST BMP error reports are available in your states' password protected sites. Jeff Sweeney is QA/QCing the data submitted. In the meantime, please make corrections to your data and resubmit. As a reminder, the deadline for finalizing progress is February 8.

Olivia

On Wed, Nov 27, 2019 at 1:48 PM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

The NEIEN error reports for files submitted by noon today, 11/27, are available in your password protected sites. Please remember that this coming Monday, December 2, is the official deadline. Data will be pulled from NEIEN and error reports will be run as well as a CAST scenario. Please let Jess, Jeff or I know if you have any questions. Suchith will be back next week.

Happy Thanksgiving to you and your family. Enjoy good food and company.

Olivia

On Sat, Nov 23, 2019 at 8:43 AM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

The NEIEN error reports for the files submitted yesterday, 11/22, are in your password protected sites. Please let Jess, Jeff or I know if you have any questions.

Thank you,
Olivia

On Fri, Nov 22, 2019 at 3:45 PM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

This is an update on the progress schedule. The next run through NEIEN will be tomorrow (Saturday) morning. A couple of states are working through issues this afternoon/evening. We will get the NEIEN reports posted to your password-protected sites by Monday morning. The next NEIEN run is scheduled for mid-day, Wednesday, November 27th. That will give you a few days to correct issues from what you submit today. The official deadline is Monday, Dec. 2 and those data will be pulled at COB (5:00 pm). If you are happy with your submission, there is no need to update. The run tomorrow, Wednesday, and Monday is intended to maximize opportunities to make corrections based on the error reports. Please let me know if you have any questions.

Thank you,
Olivia

On Tue, Nov 19, 2019 at 9:28 AM Olivia Devereux <olivia@devereuxconsulting.com> wrote:

Progress leads:

Thank you for your submissions to date. The NEIEN submission reports are available on your state's password protected site. The data include any submissions as of Friday, November 15, 2019. Please review the reports and make corrections before the submission deadline of Monday, December 2, 2019. If you need any help accessing your password-protected site, please let me know.

Thank you,
Olivia Devereux

On Fri, Nov 8, 2019 at 3:54 PM Sweeney, Jeff <sweeney.jeff@epa.gov> wrote:

Watershed Technical Workgroup, Progress Scenario and Wastewater Contacts,

This is a reminder that data is due for the Bay Program 2019 Progress scenario on 12/2/19. The information includes BMP data for the implementation period 7/1/18 – 6/30/19 as well as wastewater flows and concentrations for significant and non-significant facilities. The BMP data is to be QA/QC'd and considered final for this last NEIEN submission. NEIEN has been available since September for draft BMP submissions and error reports are provided when needed.

Final wastewater data is due on 12/2/19 as well and conveyed through ICIS-NPDES and the QA/QC CBPO app for use with the Phase 6 model. Along with facility data, the information includes the categories CSO, spray irrigation, large onsite systems, and rapid infiltration which continue to be submitted via spreadsheets using the templates provided at (<ftp://ftp.chesapeakebay.net/VT/> Filename: WWTP_CSO_Biosolid_Irrigation_LargeOnsite_RIB_I nput_Templates2016).

There are a few exceptions to the deadlines as noted in the EPA Chesapeake Bay Program Office 2019 Grant and Cooperative Agreement Guidance.

For verification, please make sure your BMP Verification Program Plans (QAPPs) are up to date and include descriptions of new data sources and all changes to methods of tracking, reporting, and verification – that pertain to the data submitted for the 2019 Progress scenario. Please pay particular attention to your documentation of the quality of the data for the suite of Nutrient Application Management practices for the agriculture sector. The QAPP should describe how, exactly, reported compliance levels are accounted for and calculated for each type of Nutrient Management (core and supplemental, both N- and P-based). In other words, how are raw data used and calculations done to determine the degree to which landowners are following their plans – for each Bay Program-defined element of the BMP.

* For complete guidance on BMP verification and what's needed in Verification Program Plans, see http://www.chesapeakebay.net/what/programs/bmp_introduction_to_bmp_verification Starting with the 2018 progress year, EPA expects that BMPs reported as new or re-inspected and maintained – are accurate with respect to the amount of fully-functioning BMPs, their location, and the dates of implementation and verification. Reported BMPs that do not have (or do not follow) documented verification protocols will not be “credited”.

* In the event that BMP and wastewater data are not submitted in time, are inaccurate, or do not use the appropriate NEIEN or wastewater formats for the CBPO to calculate annual progress, CBPO will use the previous year's data submitted by the jurisdiction or will not account for implementation of the BMP or control measures or reassign acres to other land uses in the segment.

If you need assistance, technical or other, please don't hesitate to contact staff at the Chesapeake Bay Program Office (Jessica Rigelman, 410-991-0719, jrigelman@j7llc.com; Sucharith Ravi, 410-267-5779, sravi@chesapeakebay.net; or Jeff Sweeney, 410-267-9844, sweeney.jeff@epa.gov)

Progress Loads and Goals

There has been interest in documenting the annual loading goals related to the Phase III WIP Planning Targets. Below, for your information, are tables of the nutrient loads for 1) the recent history and status, 2) the straight-line trajectory goals for 2018 and 2019 (according to the 60%:40% of the 2009-2025 needed reductions), and 3) the 2025 Planning Targets. The Planning Targets are what was presented to the Management Board 10/17/19 for final Phase III WIPs and include basin-to-basin and/or nutrient exchanges.

Thank you for your restoration efforts.

Jeff Sweeney

Environmental Protection Agency

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